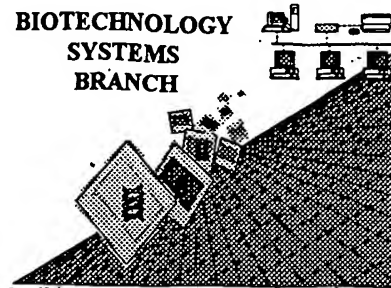


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/032,256
Source: OIP
Date Processed by STIC: 1/16/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission

User Manual - ePAVE)

2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202

4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/032,256

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos
The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length
The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering
The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII
The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length
Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug"
A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES)
Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES)
Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's
 (NEW RULES)
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.
- 10 Invalid <213>
 Response
Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220>
Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug"
Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n
n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



OIEP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/032,256

DATE: 01/16/2002

TIME: 18:45:02

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Output Set: N:\CRF3\01162002\J032256.raw

Does Not Comply
Corrected Diskette Needed

P.5

OK

3 <110> APPLICANT: CHODOSH, Lewis A
 4 GARDNER, Heather P
 6 <120> TITLE OF INVENTION: HORMONALLY UP-REGULATED, NEU-TUMOR-ASSOCIATED KINASE
 8 <130> FILE REFERENCE: 22253-70421
 10 <140> CURRENT APPLICATION NUMBER: US/10/032,256
 11 <141> CURRENT FILING DATE: 2001-12-21
 13 <150> PRIOR APPLICATION NUMBER: 60/257,073
 14 <151> PRIOR FILING DATE: 2000-12-21
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/032,256

DATE: 01/16/2002

TIME: 18:45:02

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/032,256

DATE: 01/16/2002
TIME: 18:45:02

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125 35 40 45
127 Leu Arg Asp Phe Gln His His Lys Arg Val Gly Asn Tyr Leu Ile Gly
128 50 55 60
130 Ser Arg Lys Leu Gly Glu Gly Ser Phe Ala Lys Val Arg Glu Gly Leu
131 65 70 75 80
133 His Val Leu Thr Gly Glu Lys Val Ala Ile Lys Val Ile Asp Lys Lys
134 85 90 95
136 Arg Ala Lys Lys Asp Thr Tyr Val Thr Lys Asn Leu Arg Arg Glu Gly
137 100 105 110
139 Gln Ile Gln Gln Met Ile Arg His Pro Asn Ile Thr Gln Leu Leu Asp
140 115 120 125
142 Ile Leu Glu Thr Glu Asn Ser Tyr Tyr Leu Val Met Glu Leu Cys Pro
143 130 135 140
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146 145 150 155 160
148 Ala Glu Ala Arg Arg Tyr Ile Arg Gln Leu Ile Ser Ala Val Glu His
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154 Leu Leu Asp Glu Asp Asn Asn Ile Lys Leu Ile Asp Phe Gly Leu Ser
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158 210 215 220
160 Gly Ser Pro Ala Tyr Ala Ala Pro Glu Leu Leu Ala Arg Lys Lys Tyr
161 225 230 235 240
163 Gly Pro Lys Ile Asp Val Trp Ser Ile Gly Val Asn Met Tyr Ala Met
164 245 250 255
166 Leu Thr Gly Thr Leu Pro Phe Thr Val Glu Pro Phe Ser Leu Arg Ala
167 260 265 270
169 Leu Tyr Gln Lys Met Val Asp Lys Ala Met Asn Pro Leu Pro Thr Gln
170 275 280 285
172 Leu Ser Thr Gly Ala Val Asn Phe Leu Arg Ser Leu Leu Glu Pro Asp

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/032,256

DATE: 01/16/2002

TIME: 18:45:02

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Output Set: N:\CRF3\01162002\J032256.raw

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178	Asn Glu Asn Tyr Thr Gly Lys Val Pro Cys Asn Val Thr Tyr Pro Asn		320
179		325	330
181	Arg Ile Ser Leu Glu Asp Leu Ser Pro Ser Val Val Leu His Met Thr		335
182		340	345
184	Glu Lys Leu Gly Tyr Lys Asn Ser Asp Val Ile Asn Thr Val Leu Ser		350
185		355	360
187	Asn Arg Ala Cys His Ile Leu Ala Ile Tyr Phe Leu Leu Asn Lys Lys		365
188		370	375
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193	Tyr Lys Thr Gln Leu Tyr Gln Ile Glu Lys Cys Arg Ala Thr Lys Glu		400
194		405	410
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199	Ala Val Gln Asp Lys Lys Pro Lys Glu Gln Glu Lys Arg Gly Asp Phe		430
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202	Leu His Arg Pro Phe Ser Lys Lys Leu Asp Lys Asn Leu Pro Ser His		445
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208	Leu Leu Lys Asp Arg Lys Ala Ser Lys Ser Gly Phe Pro Asp Lys Asp		480
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218		530	535
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224		565	570
226	Ser His His Tyr Arg Ile Leu Ser Ser Pro Val Ser Leu Ala Arg Arg		575
227		580	585
229	Asn Ser Ser Glu Arg Thr Leu Ser Gln Gly Leu Leu Ser Gly Ser Thr		590
230		595	600
232	Ser Pro Leu Gln Thr Pro Leu His Ser Thr Leu Val Ser Phe Ala His		605
233		610	615
235	Glu Glu Lys Asn Ser Pro Pro Lys Glu Glu Gly Val Cys Ser Pro Pro		620
236	625	630	635
238	Pro Val Pro Ser Asn Gly Leu Leu Gln Pro Leu Gly Ser Pro Asn Cys		640
239		645	650
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242		660	665
244	Arg Lys Arg His Gln Ser Leu Gln Pro Ser Ser Glu Arg Ser Leu Asp		670
245		675	680
			685

DATE: 01/16/2002

TIME: 18:45:02

Input Set : A:\M2335hn1.app

Output Set: N:\CRF3\01162002\J032256.raw

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306 oligonucleotide primer PTKIa
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309 gggcccgat ccacmngay y) see item 9 on Ena summary sheet
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W-->

→ see item 9 on Ena summary sheet

21

VERIFICATION SUMMARY

DATE: 01/16/2002

PATENT APPLICATION: US/10/032,256

TIME: 18:45:03

Input Set : A:\M2335hn1.app

Output Set: N:\CRF3\01162002\J032256.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:309 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:7
L:309 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:7
L:309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7